

10/534593

1/10

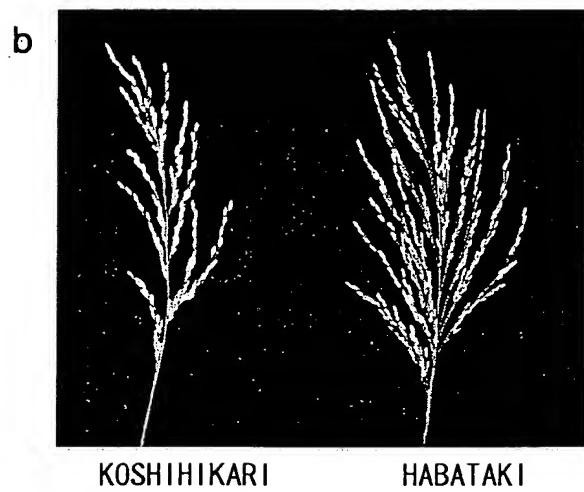
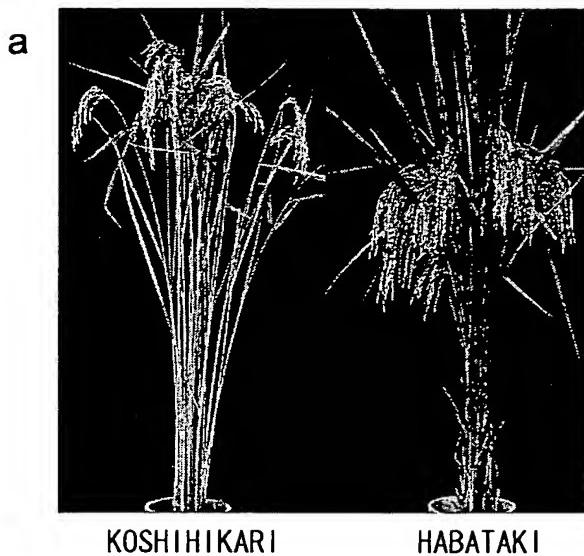


FIG. 1

BEST AVAILABLE COPY

2/10

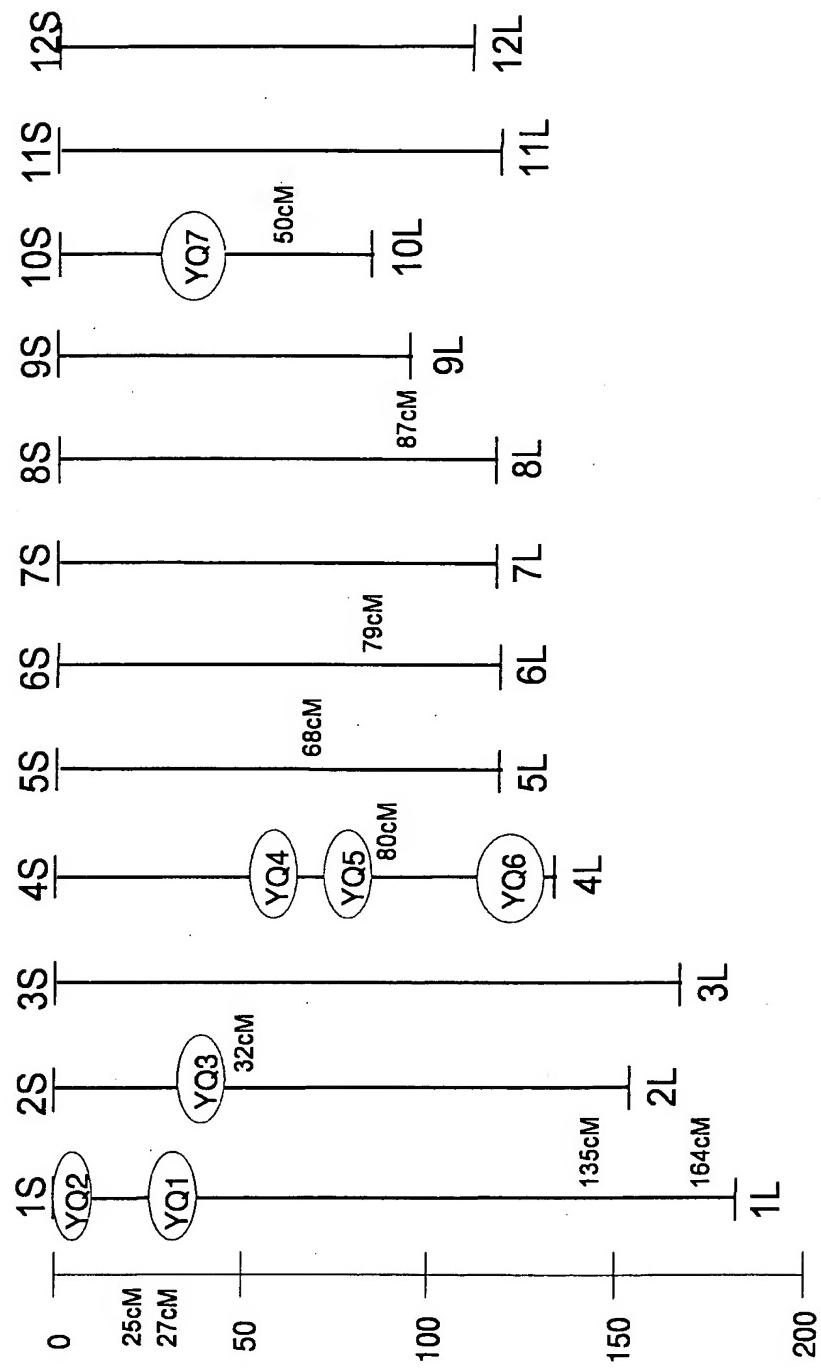
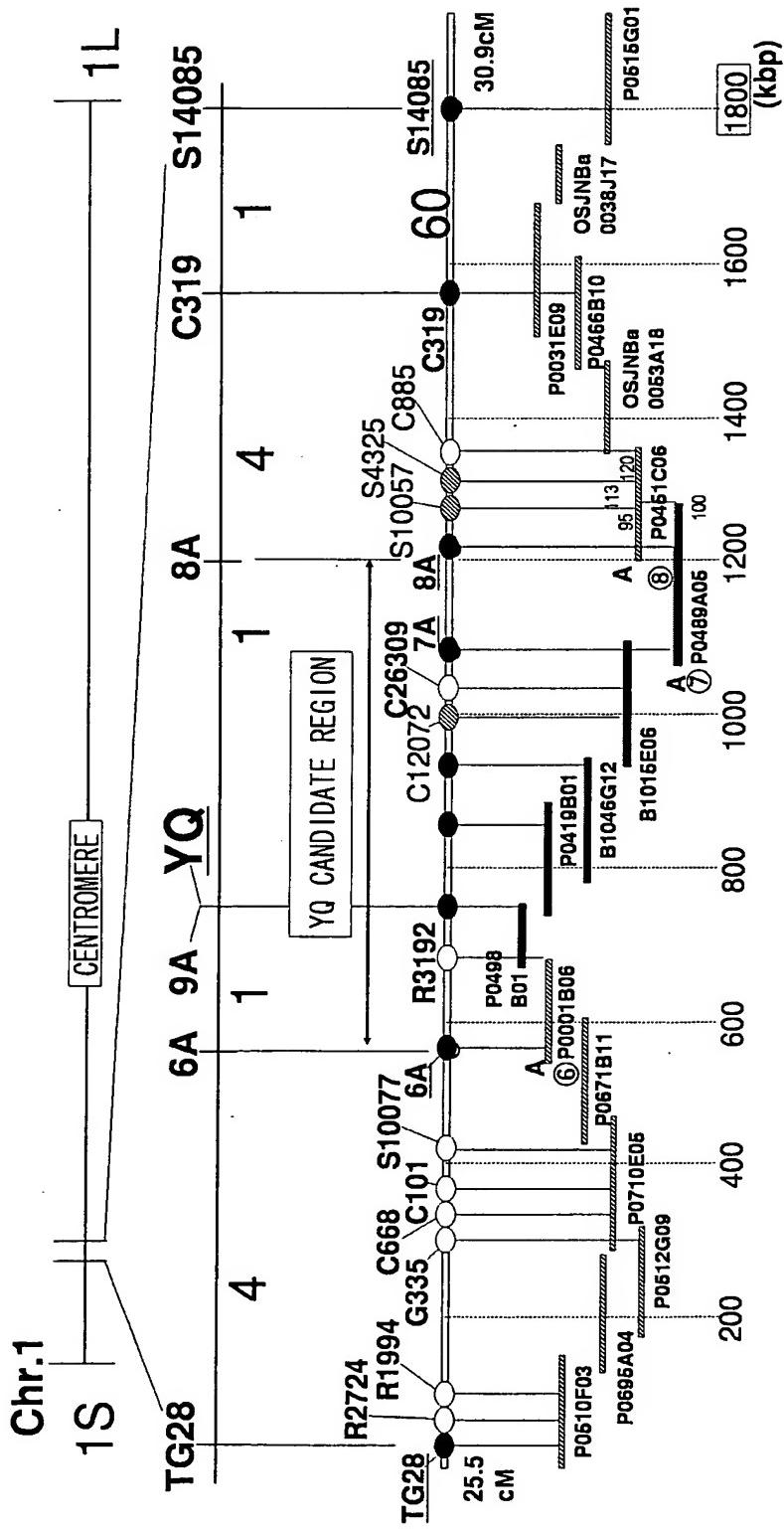


FIG. 2

10/534593

3/10



**FIG. 3**

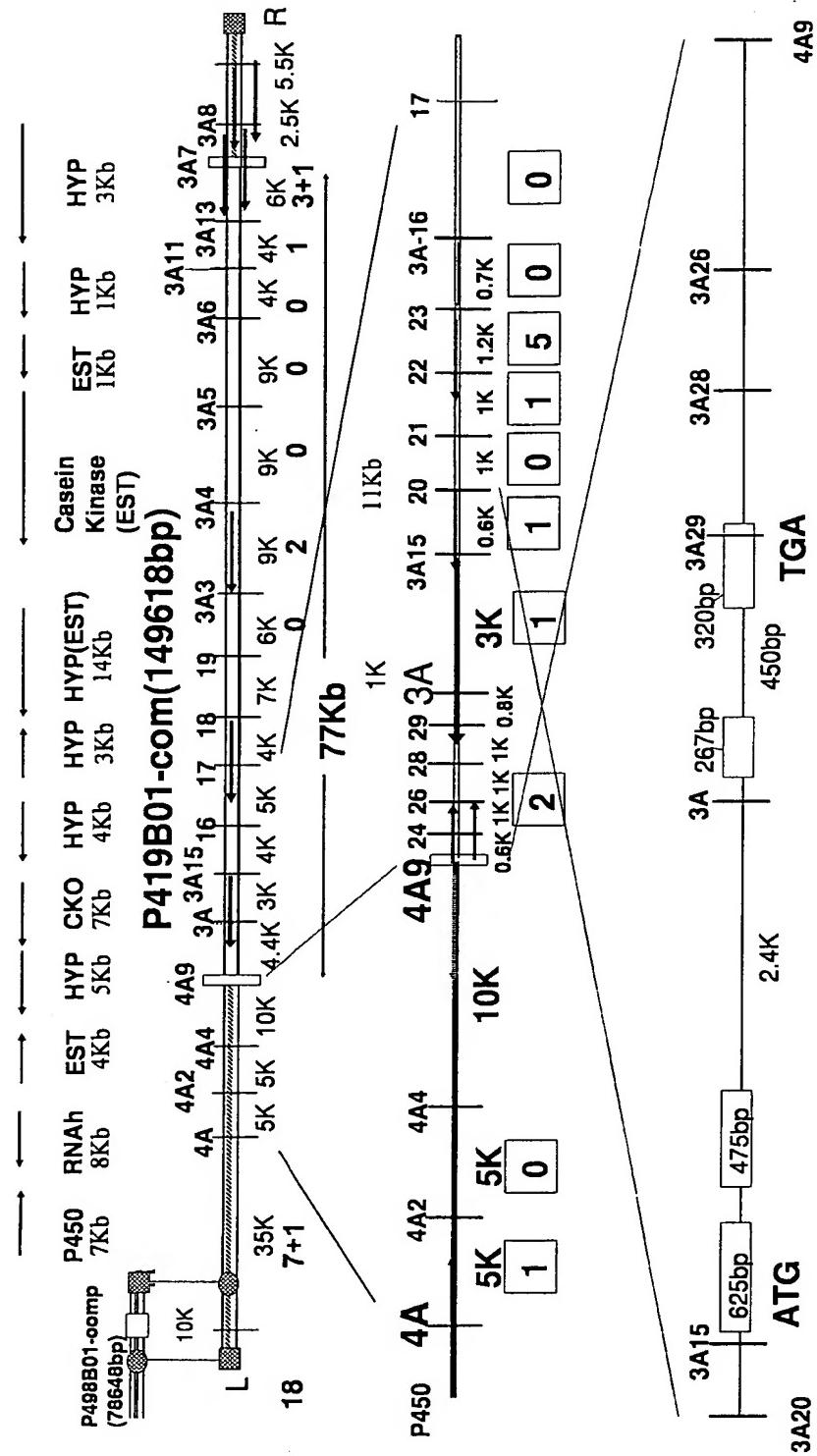


FIG. 4

5/10

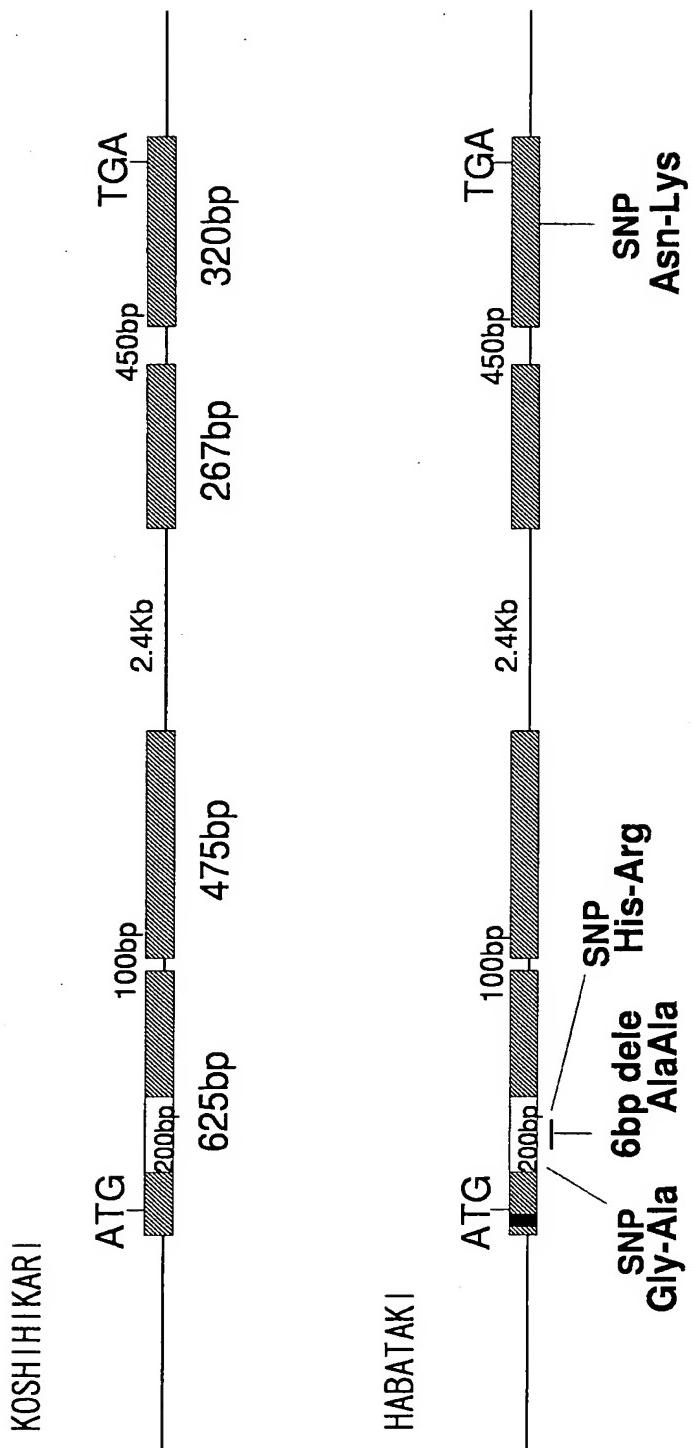


FIG. 5

6/10

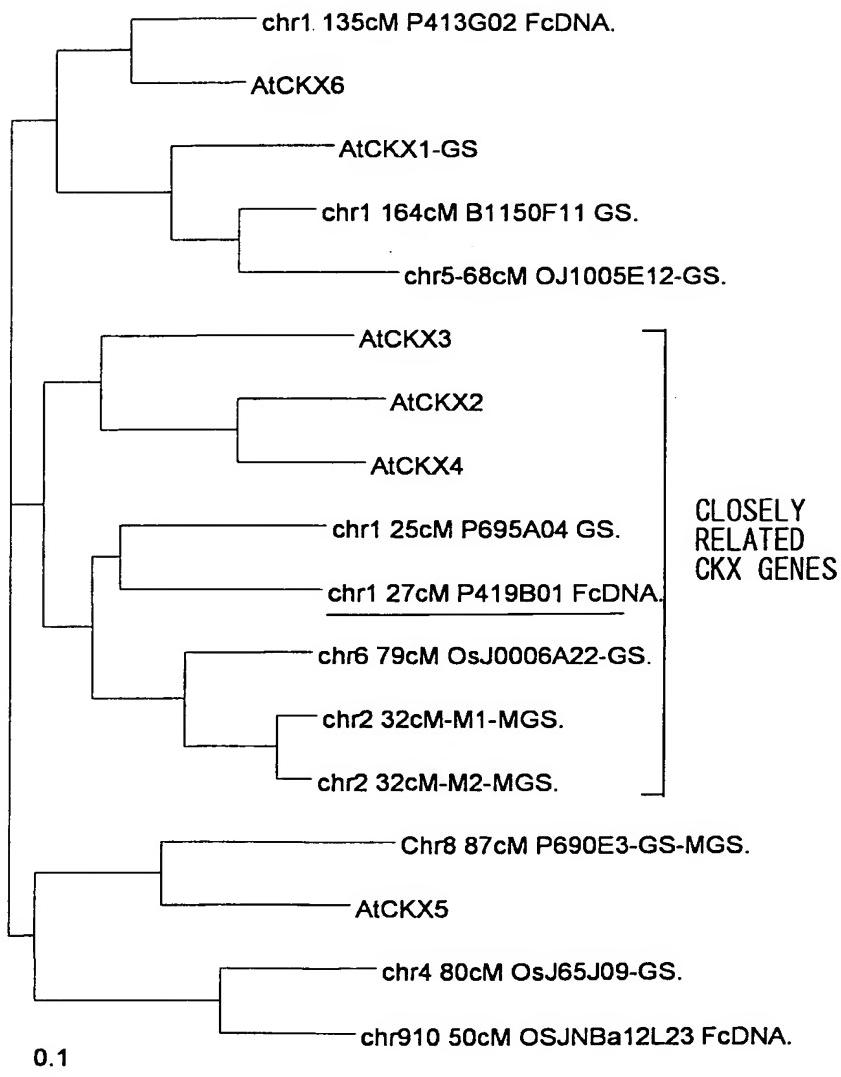


FIG. 6

7/10

AtCKX2	-----MANLALM-ITLITYLMITKSSNGIKID---	PKSLNUTLSTOPSE	41
AtCKX3	-----MASYNLRSQVALIAITIVIITLSTPITTNTSPQPUNI	SHNEFAGKLTSSEB	53
AtCKX4	-----MTNTLCLSLITLTFFISLTPTLIK--SDEGIDVF---	PISLNUTLTOPFS	48
chr1_25cm_P695R04_gs	MAR1YL-LIR-ALIASSHALAHGAGGGYPLAAAPLPFPFD---	RAASGK-R-TDPNAT	54
chr1_27cm_P419B01_FcDNA	MAR1-LML-N-CFYKATAAPPUPPSASSARSFLDD--L--	GIAP-IRADEAGT	49
chr2_32cm-M1-MGS	MARCS1A-FMIMASCLSYVY--S--	PG-DEAFHSYAK	36
chr2_32cm-M2-MGS	MARCS1A-FMIMASCLSYVY--S--	PG-DEAFHSYAK	36
chr6_79cm_DsJ00006R22-GS	MARQLTTFLIVTSFLSTVPLRQPV--H3--v	TTSY-DVSSLDIMSK	44
AtCKX2	-----ISRAASH-DFQNIITTVTPDQVICPSSTFDI	SPLLOYARAN--G-KS---	90
AtCKX3	-----SVESSAATDGHYTIFPSAVIIPSVDITOLIKLSFDSQL	TFDVRPFGQ	103
AtCKX4	-----SVESSAATDGHYTIFPSAVIIPSVDITOLIKLSFDSQL	TFDVRPFGQ	103
chr1_25cm_P695R04_gs	49 ISRAASH-DFGNIIDENP3AVLCPSSTTEVARLLAFANGGFSYNGCSTSPASTFK	YFPRGQ	107
chr1_27cm_P419B01_FcDNA	55 YPASMD--FGNITR--A-LP--AFVLFPGSGCOVET	ARRYARDFR	103
chr2_32cm-M1-MGS	49 ARASSAD--EGNLISVAGYFAPBLAAAMVLYPSRPAIDI	FASCARPA-P-FMSRGC	104
chr2_32cm-M2-MGS	37 LRYORD-IT-AKASSDFTVYVARRAPEMHLPATPAEHE	YFESASSSSS-P-P	92
chr6_79cm_DsJ00006R22-GS	37 LRYORN-ST-AKASSDFTVYVARRAPEMHLPATPAEHE	YFESASSSSS-P-P	92
AtCKX2	-----IHTHO-AT-TKASSDFTVYHATPNQYFRDTFBRDIA	LSLSQQT-2-JT	100
AtCKX3	-----GHSNQDPSYSGGWNNPITCITDVV-----VSKOKK	YDVKKKTAEK	141
AtCKX4	-----GHSHRCGSRSKDQPVWVNNPITCITDVV-----VSKOKK	YDVKKKTAEK	141
chr1_25cm_P695R04_gs	104 GHSHRCGSRSKDQPVWVNNPITCITDVV-----VSKOKK	YDVKKKTAEK	158
chr1_27cm_P419B01_FcDNA	108 GHSLRCGSRSKDQPVWVNNPITCITDVV-----VSKOKK	YDVKKKTAEK	164
chr2_32cm-M1-MGS	104 GHSITMDQRHGDGVWWHDSMG--EGGAPRINVSADGR	YDVGGEQLWQDVVRDGR	159
chr2_32cm-M2-MGS	105 GHSYHGDQBSRPGDWWDQASBRLQGGARRLVSYEGR	YDVGGEQLWQDVVRISMH	163
chr6_79cm_DsJ00006R22-GS	93 GHSHRCGSLPQGCCWWDQARARR-RVNVSSGGAGRPP	YDVGGEQLWQDVVRDTH	151
AtCKX2	-----GHSRRCGSLPQGCCWWDQARARR-RVNVSSGGAGRPP	YDVGGEQLWQDVVRDTH	148
AtCKX3	-----RVSPPSYSTDYLHIFTREFTLSNGIGGQYFENYFRL	YENVLELOVITBKSEM	201
AtCKX4	-----RVSPPYTJTDYLHIFTREFTLSNGIGGQYFENYFRL	TCSPRLNPE	218
chr1_25cm_P695R04_gs	159 RVSPPYTJTDYLHIFTREFTLSNGIGGQYFENYFRL	TCSPKMNSD	224
chr1_27cm_P419B01_FcDNA	165 RVSPPYTJTDYLHIFTREFTLSNGIGGQYFENYFRL	TCSPKLNPE	219
chr2_32cm-M1-MGS	160 RVSPPYTJTDYLHIFTREFTLSNGIGGQYFENYFRL	TCSPKMNSD	223
chr2_32cm-M2-MGS	164 RVSPPYTJTDYLHIFTREFTLSNGIGGQYFENYFRL	TCSPKLNPE	211
chr6_79cm_DsJ00006R22-GS	152 RVSPPYTJTDYLHIFTREFTLSNGIGGQYFENYFRL	TCSPKMNSD	208
AtCKX2	-----RVSPPYTJTDYLHIFTREFTLSNGIGGQYFENYFRL	TCSPKLNPE	205

FIG. 7

**REST AVAILABLE COPY**

**FIG. 8**

**BEST AVAILABLE COPY**

AtCKX2									
AtCKX3									
AtCKX4									
chr1_25cm_P695A04_gs									
chr1_27cm_P419B01_FcDNA									
chr2_32cm_M1-MGS									
chr2_32cm_M2-MGS									
chr6_79cm_0sJ00069A22_gs									
409	RMSA M IPEID-EDVYI R I PEGFATTPKOLP-EV ESYNEK I IR---	FQKOS--	EIKIKQYL	461					
427	RMSA M IPE---EDVYI R I PEGFATTPKOLP-EV ESYNEK I IR---	FQKOS--	EIKIKQYL	477					
432	RMSFMTIP---D-EDVYI R I PEGFATTPKOLP-EV ESYNEK I IR---	FQKOS--	EIKIKQYL	483					
440	A1SAV TPEGEES-YW VSLF RAYANDVA-ALRER---QRR I R FQDLA--	SPGQD	SPGQD	492					
457	NMSAV ITDDOGDEVF YW VSLF RAYANDVA-ALRER---QRR I R FQDLA--	SPGQD	SPGQD	492					
458	RMSA V TPSGNOD---MF YW VGLLRSAYVPP---DVERLERE LERV	SPGQD	SPGQD	511					
475	RMSA V TPSGNOD---MF YW VGLLRSAYVPP---DVERLERE LERV	SPGQD	SPGQD	511					
476	CMSV VARS---DDDFYF YAWGLLRSAYV I S---DVERLERE LERV	SPGQD	SPGQD	511					
477	CMSV VARS---DDDFYF YAWGLLRSAYV I S---DVERLERE LERV	SPGQD	SPGQD	511					
478	EDVYI R I PEGFATTPKOLP-FQKOS--EIKIKQYL	SPGQD	SPGQD	501					
484	MVYT -EKEO QIEF FGS G	SPGQD	SPGQD	523					
485	MVYT -RKEOKV K FGP R I FVERI R KY DPKM I FQKINSS-----	SPGQD	SPGQD	523					
493	AHYD -RKGDAVRL FGAIK DFFYQDR KY DPKKL SPGQD	SPGQD	SPGQD	524					
512	PYIG -SQAECRAH GANL P FVQRISKY DPKKL SPGQD	SPGQD	SPGQD	524					
518	PYIG -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
477	PYIG -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
474	PYIG -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
469	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
470	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
471	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
472	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
473	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
474	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
475	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
476	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
477	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
478	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
479	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
480	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
481	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
482	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
483	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
484	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
485	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
486	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
487	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
488	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
489	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
490	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
491	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
492	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
493	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
494	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
495	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
496	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
497	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
498	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
499	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
500	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
501	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
502	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
503	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
504	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
505	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
506	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
507	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
508	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
509	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
510	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
511	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
512	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
513	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
514	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
515	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
516	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
517	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
518	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
519	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
520	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
521	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
522	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
523	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
524	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
525	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
526	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
527	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					
528	DHRA -SDDGRSTF GAK ISAYTELV KY DPKKL SPGQD	SPGQD	SPGQD	533					

FIG. 9

BEST AVAILABLE COPY

10/10

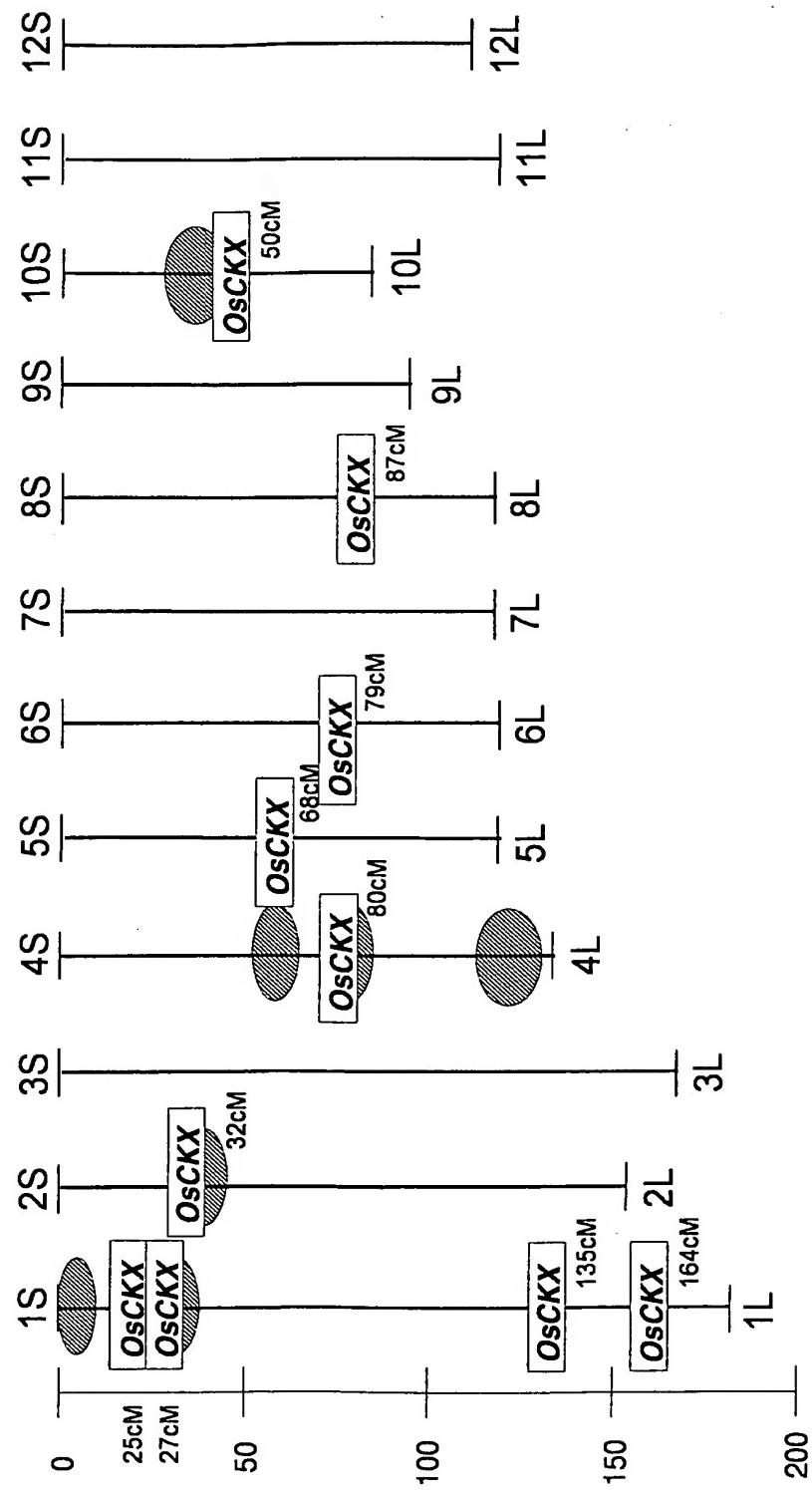


FIG. 10

REST AVAILABLE COPY